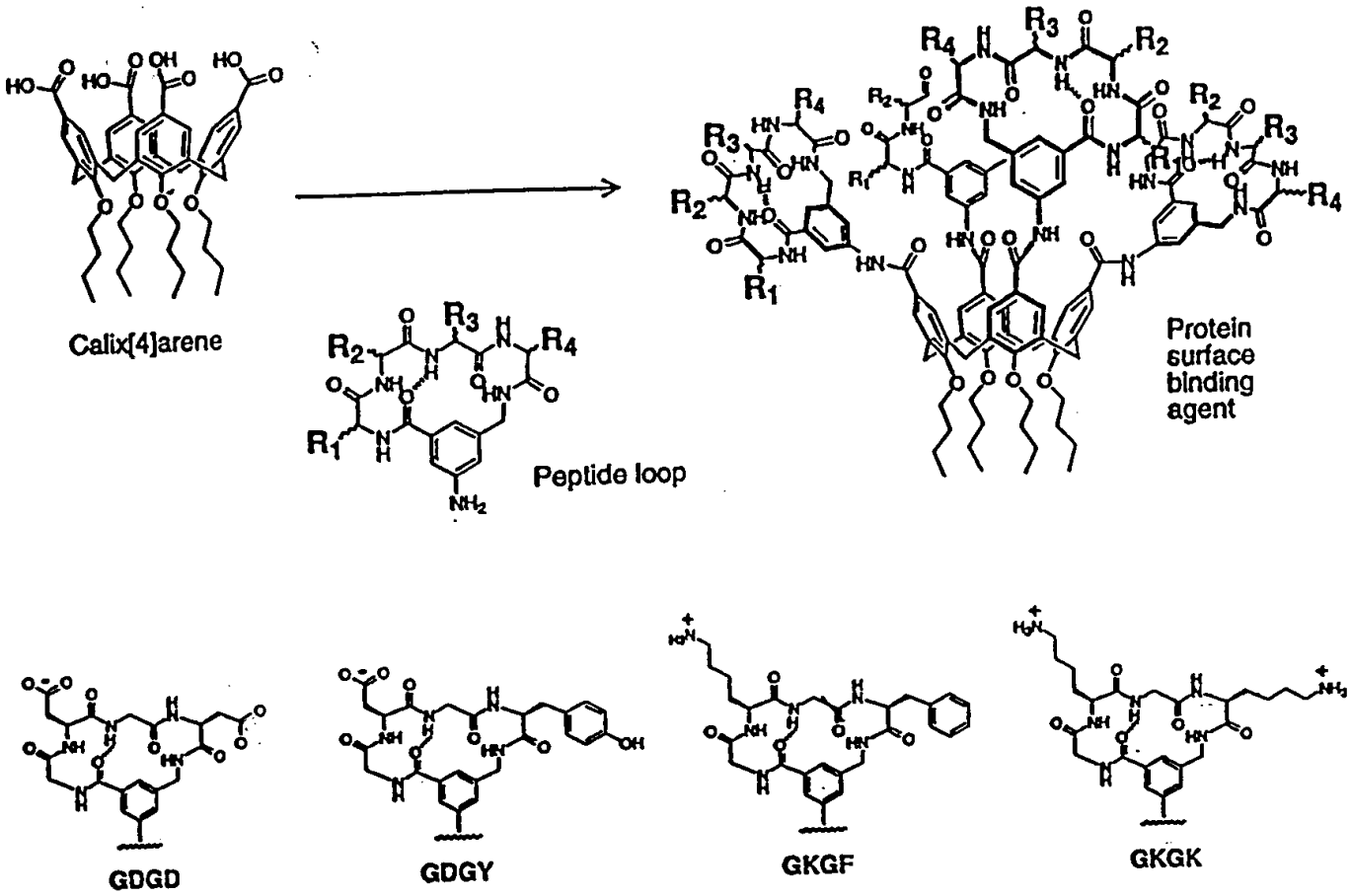

Calix[4]arene
Peptide loop
Protein surface binding agent
GDGD
GDGY
GKGF
GKGK

FIGURE 1

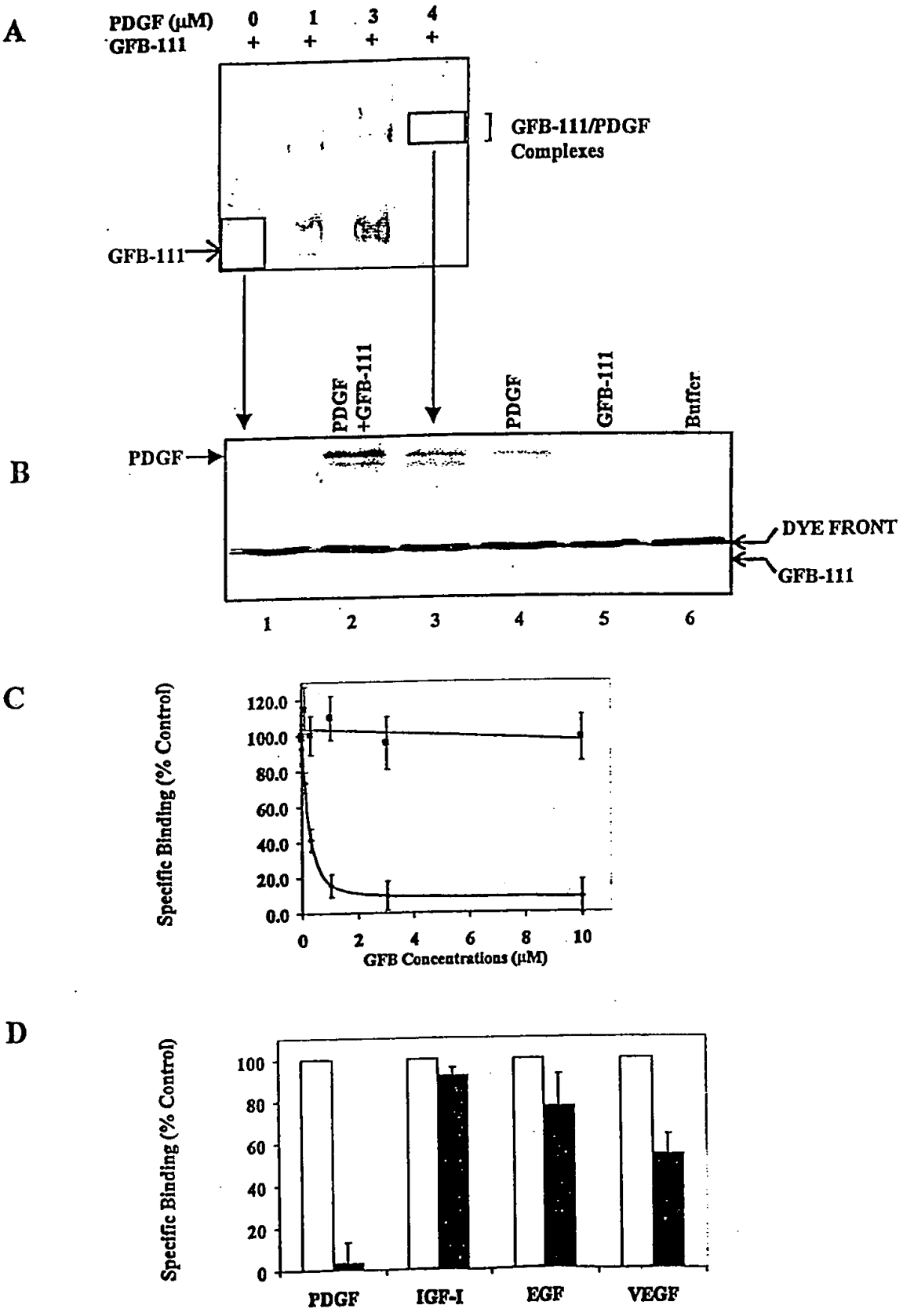

A
PDGF (μM) 0 1 3 4
GFB-111 + + + +
GFB-111/PDGF Complexes
GFB-111
B
PDGF +GFB-111
PDGF
GFB-111
Buffer
PDGF
DYE FRONT
GFB-111
1 2 3 4 5 6
C
Specific Binding (% Control)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
0 2 4 6 8 10
GFB Concentrations (μM)
D
Specific Binding (% Control)
100
80
60
40
20
0
PDGF
IGF-I
EGF
VEGF

FIGURE 2

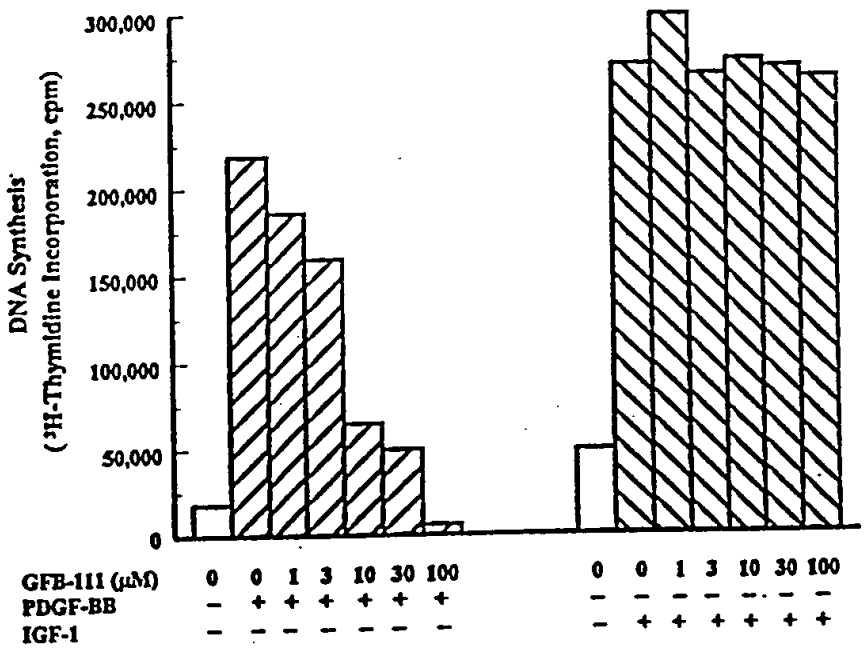

DNA Synthesis
(³H-Thymidine Incorporation, cpm)
300,000
250,000
200,000
150,000
100,000
50,000
0
GFB-111 (μM) 0 0 1 3 10 30 100 0 0 1 3 10 30 100
PDGF-BB – + + + + + + – – – – – – –
IGF-1 – – – – – – – – + + + + + +

FIGURE 3

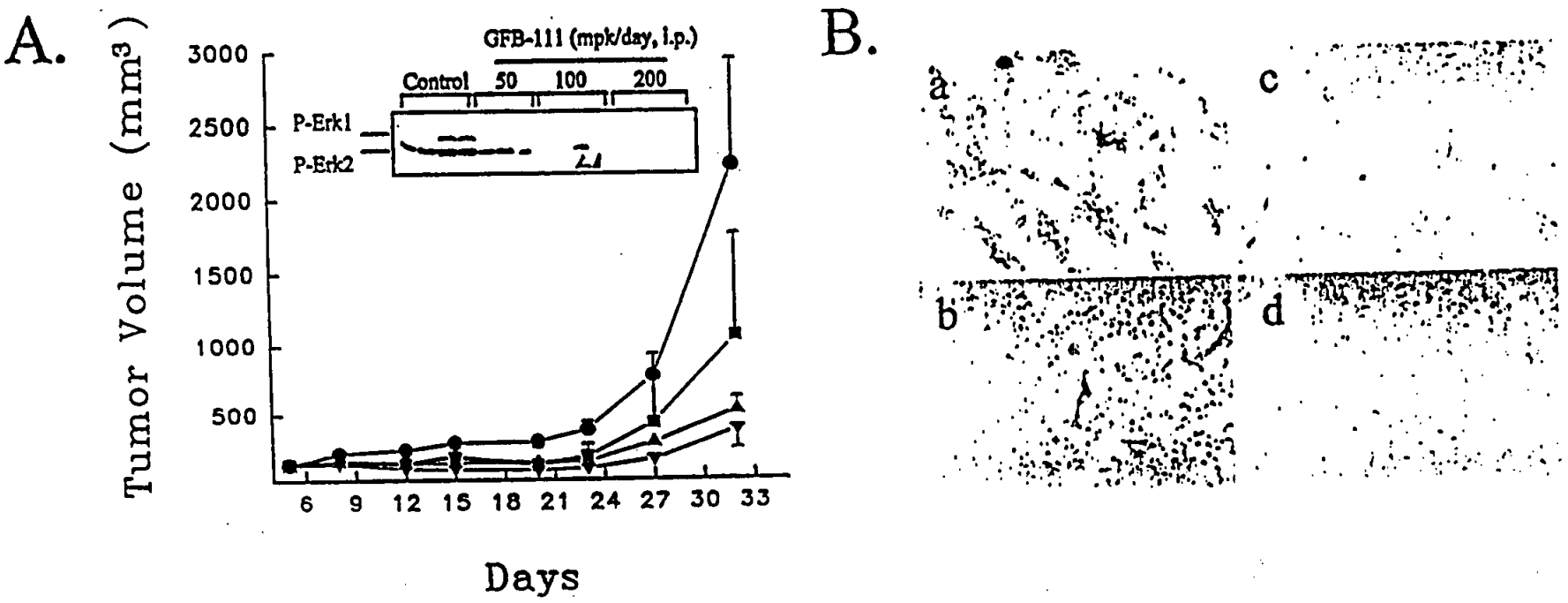
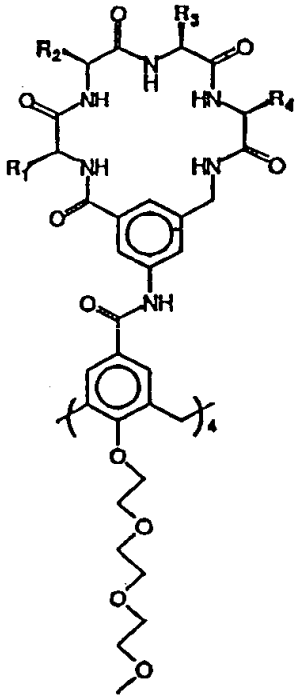
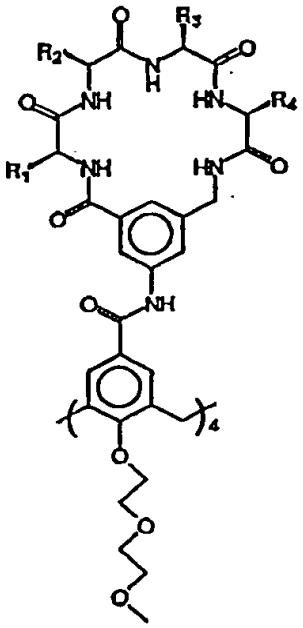


FIGURE 4

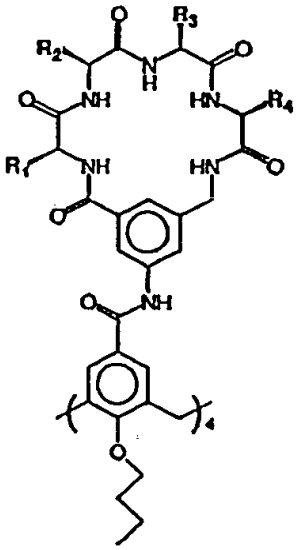
FOTEDO: 5465.2000



O-4 Calix



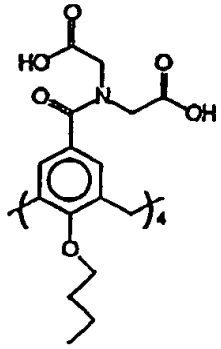
O-3 Calix



But-Calix

FIGURE 5

Structure of GFB-114



8-acid

FIGURE 6

Structure of GFB-124

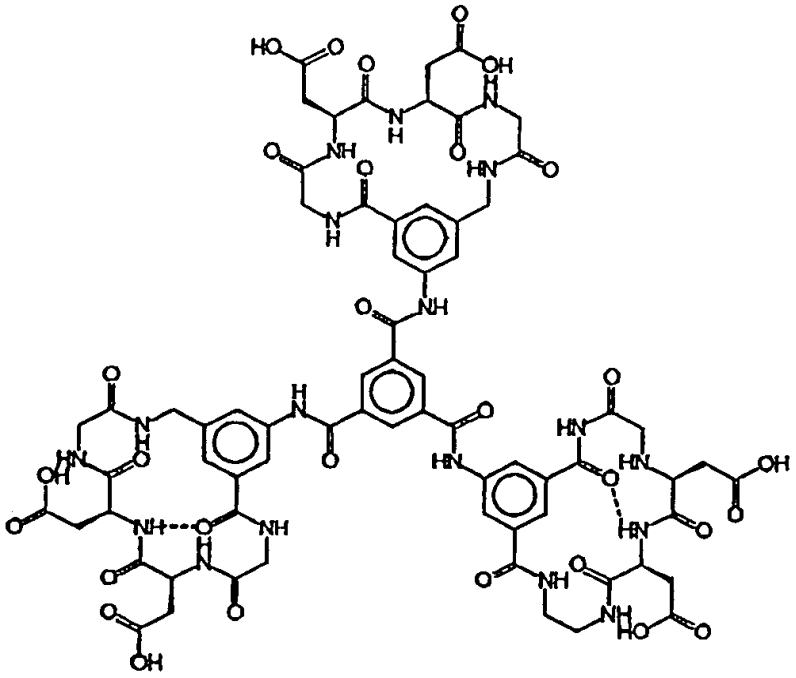
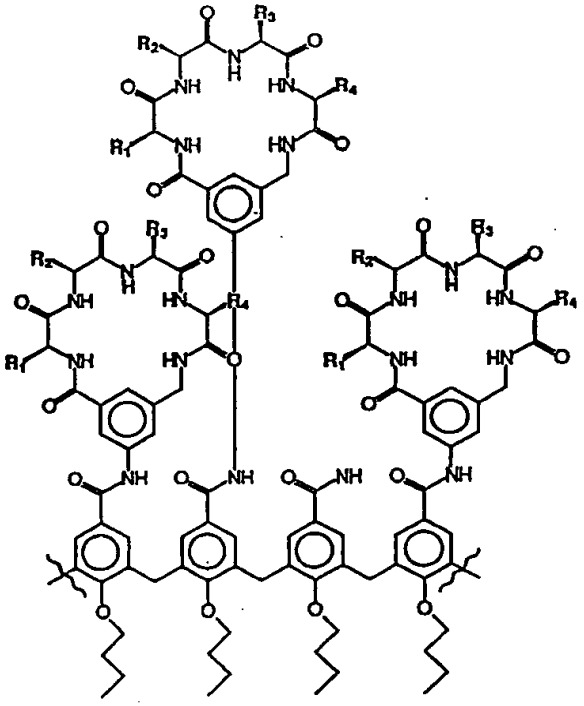
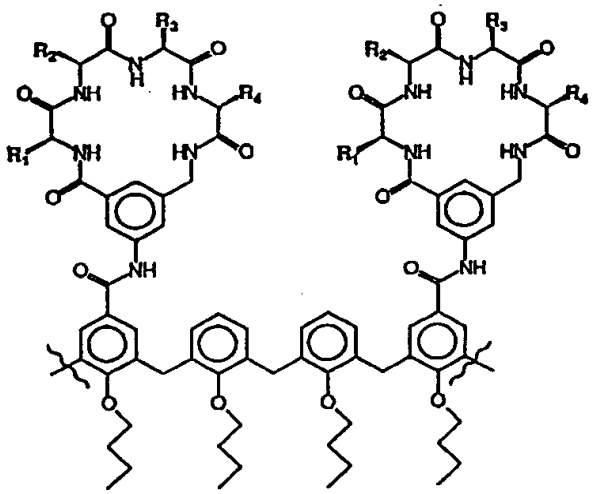


FIGURE 7

Structure of GFB-126 and GFB-127



GFB-126 (3 x GDDG)



GFB-127 (2 x GDDG)

FIGURE 8

Structure of "DPM-2" compounds (GFB-128 through GFB-131)

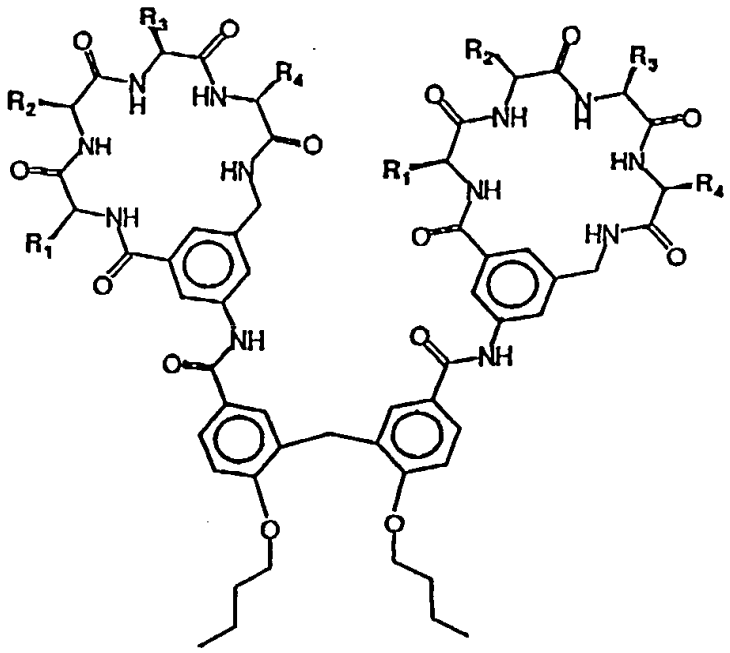


FIGURE 9

Structure of "DPM-2" compounds (GFB-128 through GFB-131)

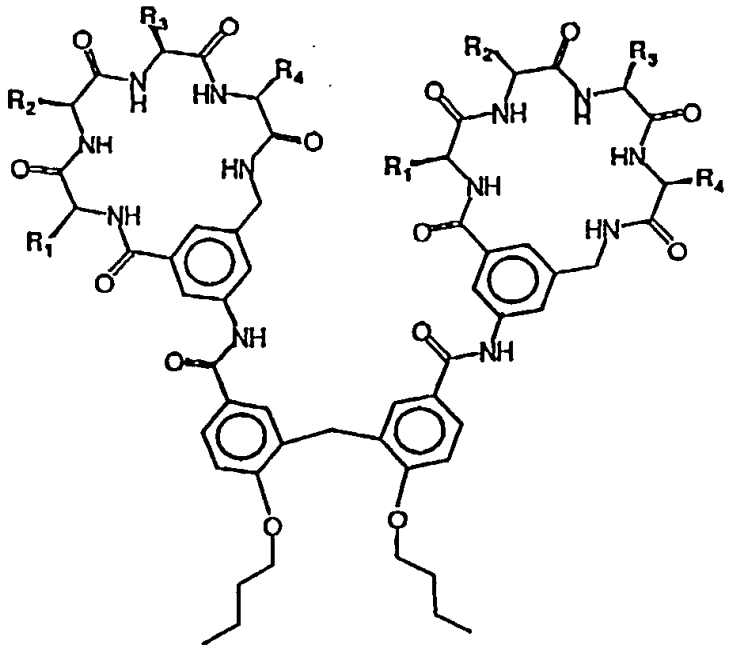


FIGURE 10

Structures of GFB-132 through G FB-137

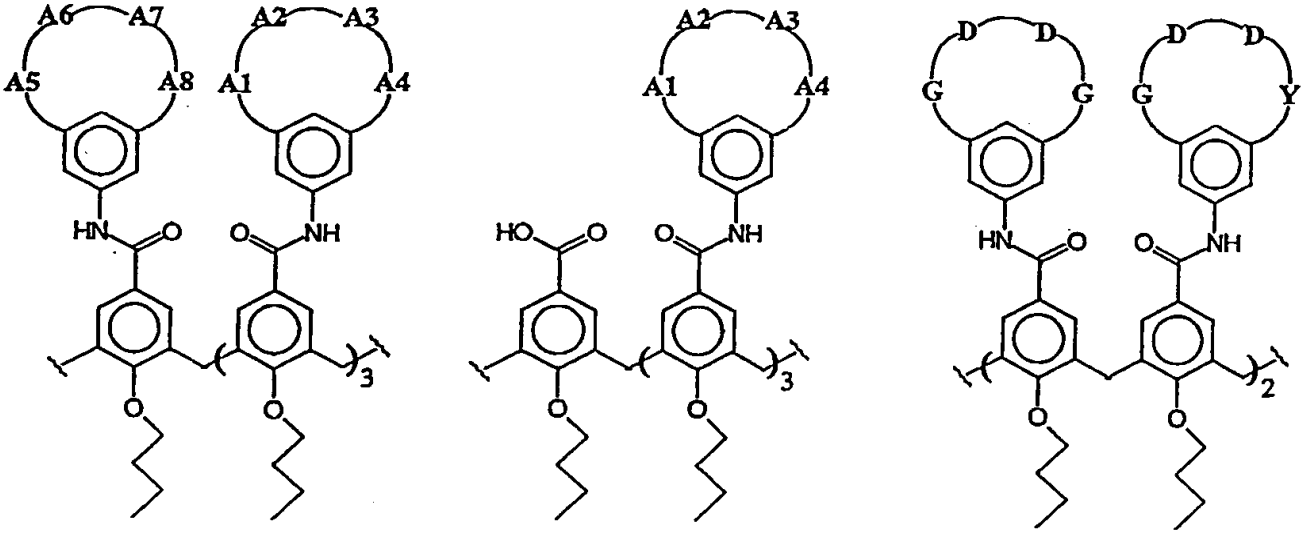


FIGURE 11

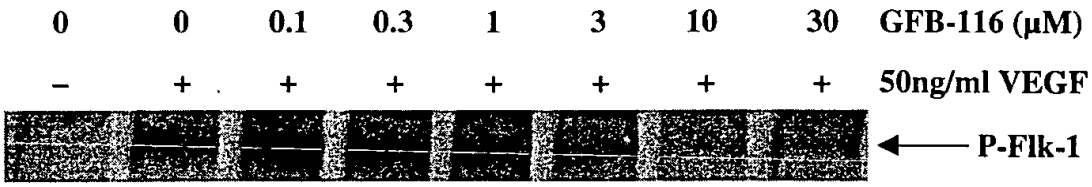


FIGURE 12

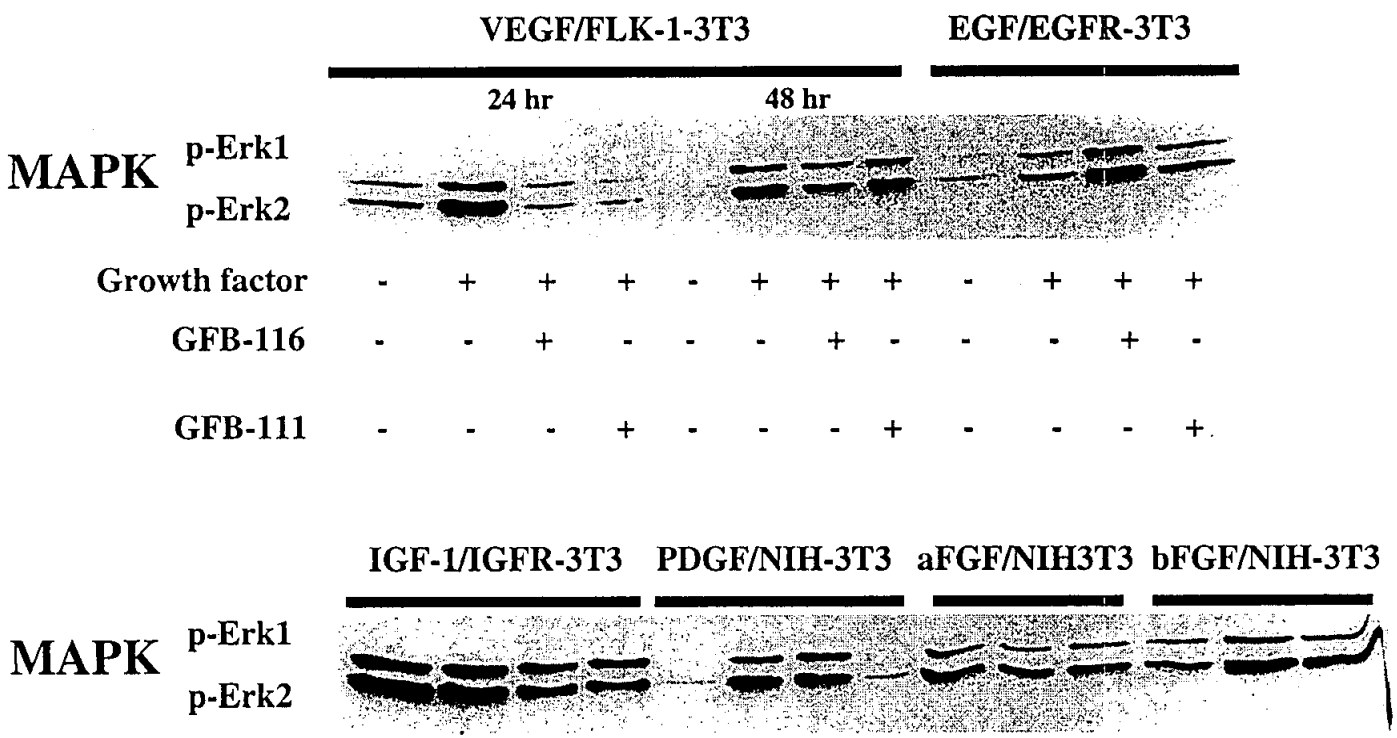


FIGURE 13

SCANNED, # 12

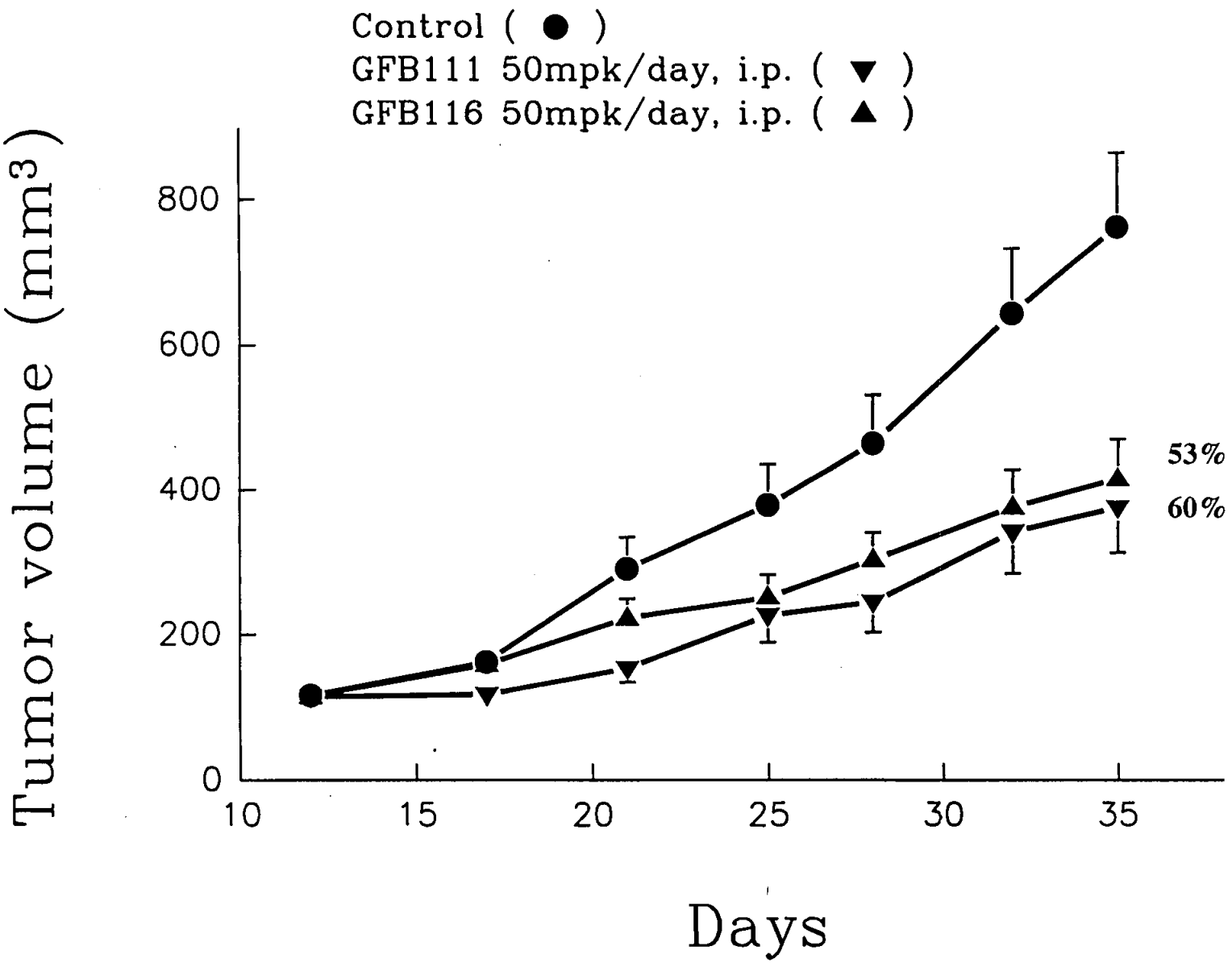


FIGURE 14

SCANNED, # 12

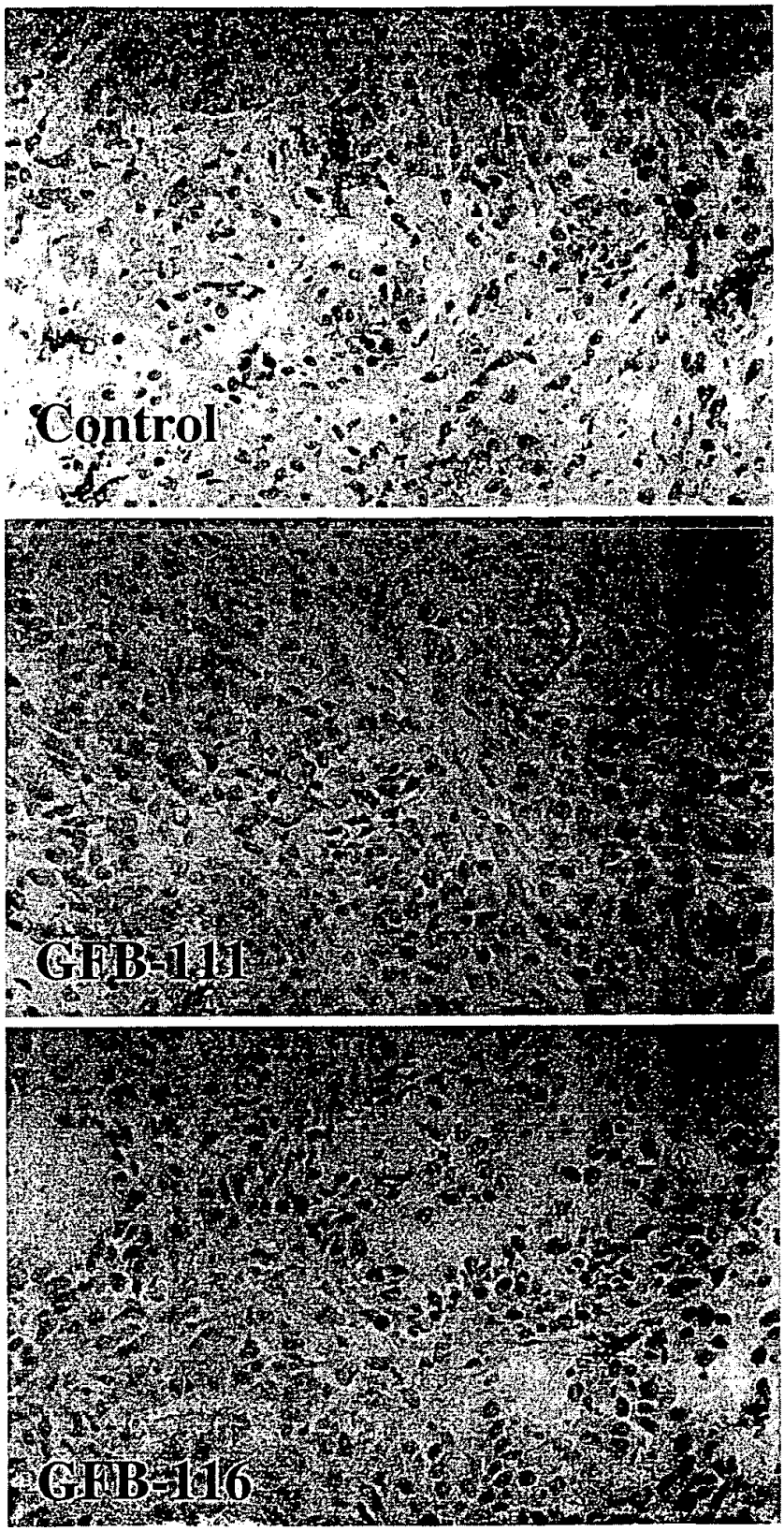


FIGURE 15

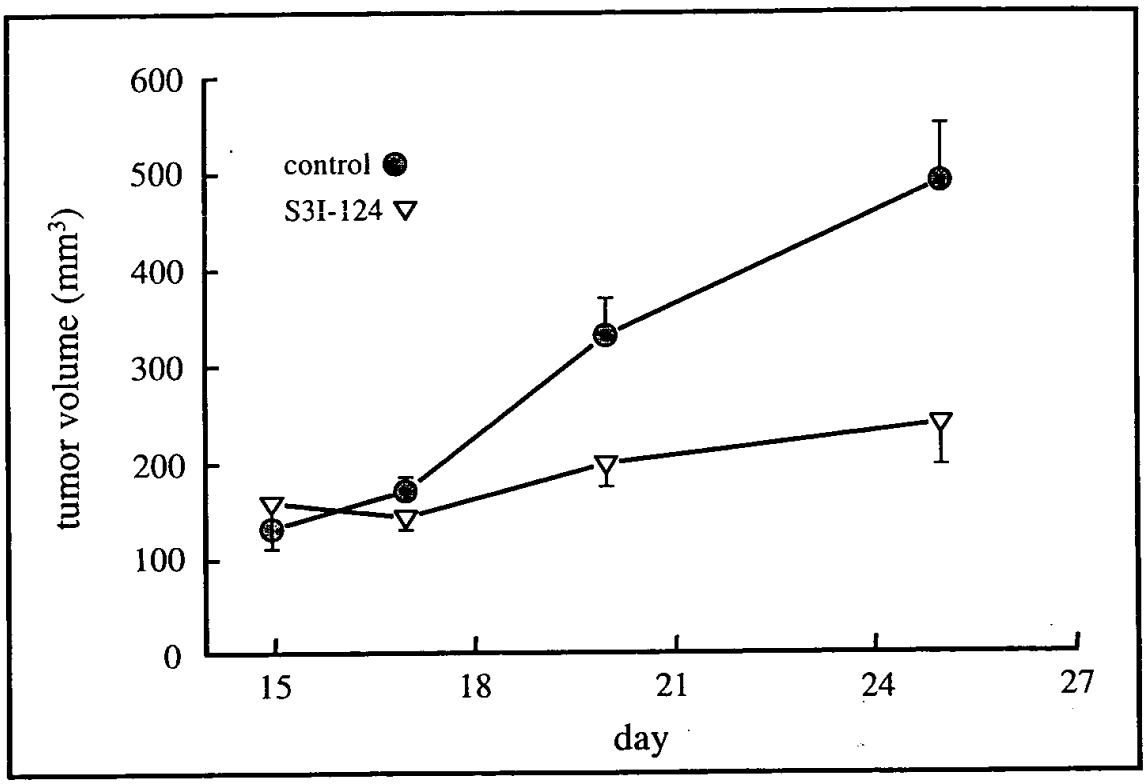

600
500
400
300
200
100
0
tumor volume (mm3)
control
S3I-124
15
18
21
24
27
day

FIGURE 16